



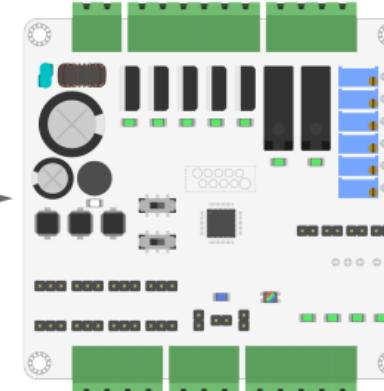
Nadajnik (Pad)



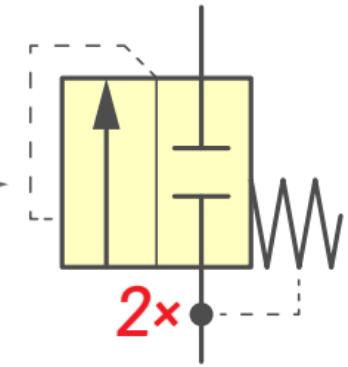
Odbiornik



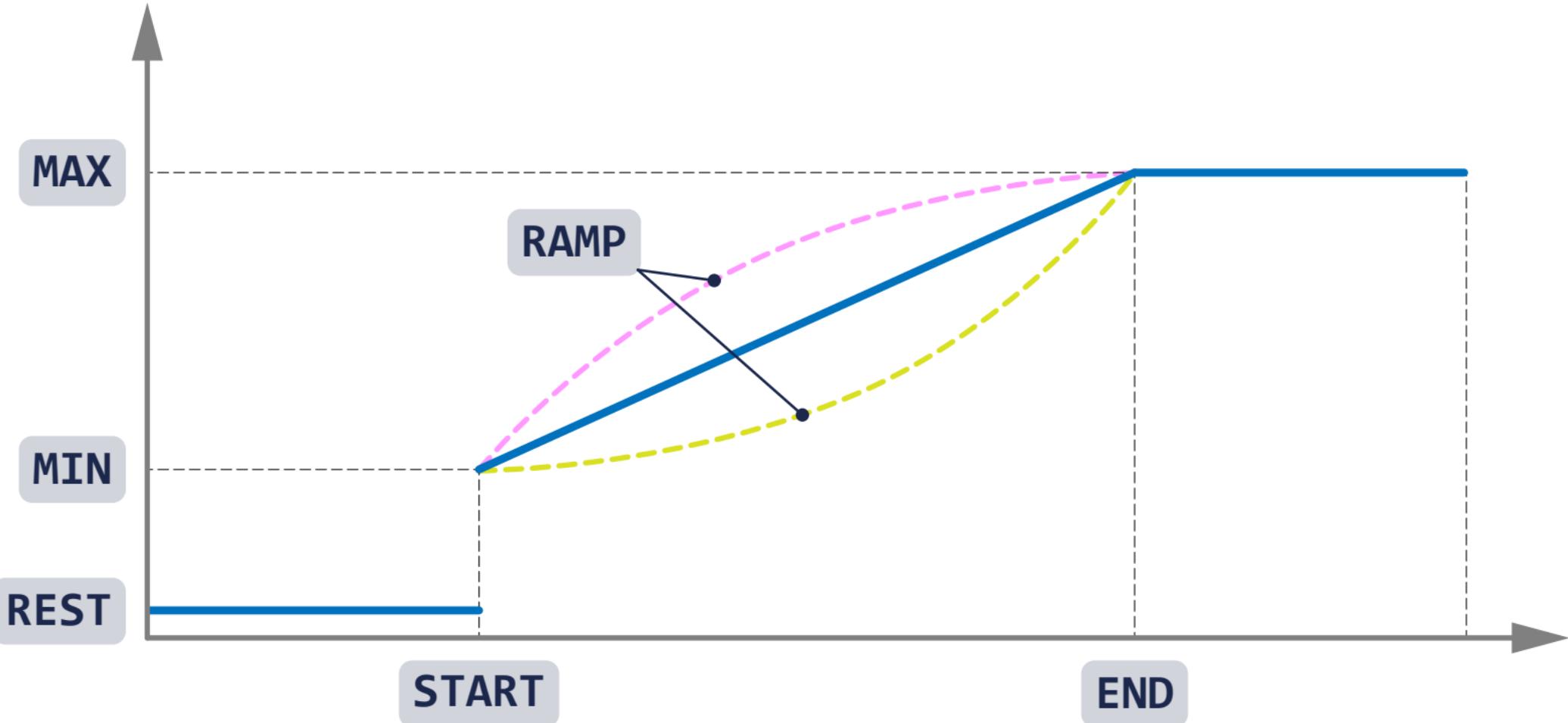
Bateria 12V



Sterownik

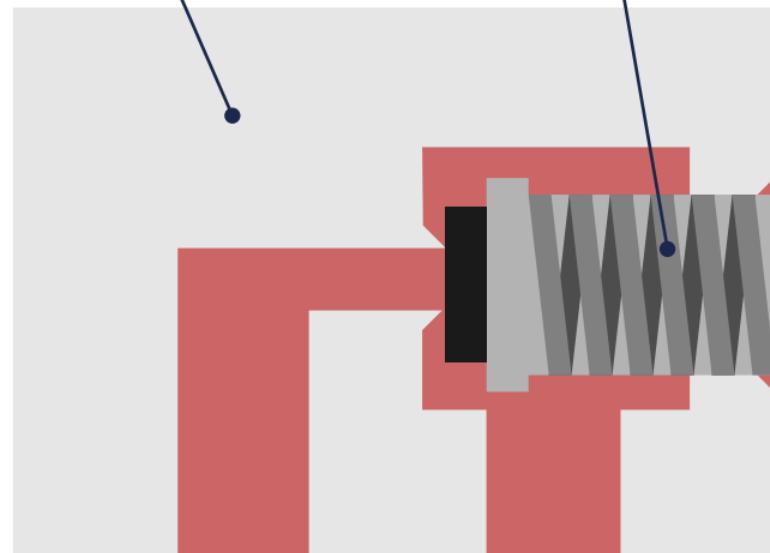


Zawory



Część hydrauliczna

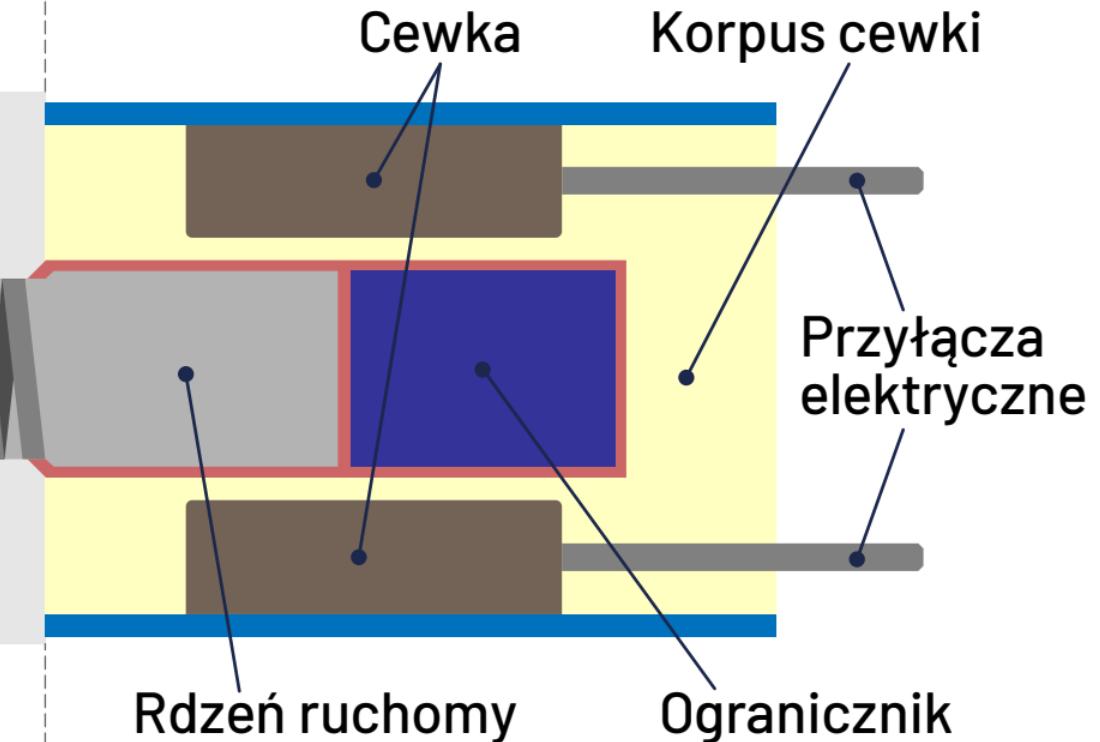
Korpus zaworu



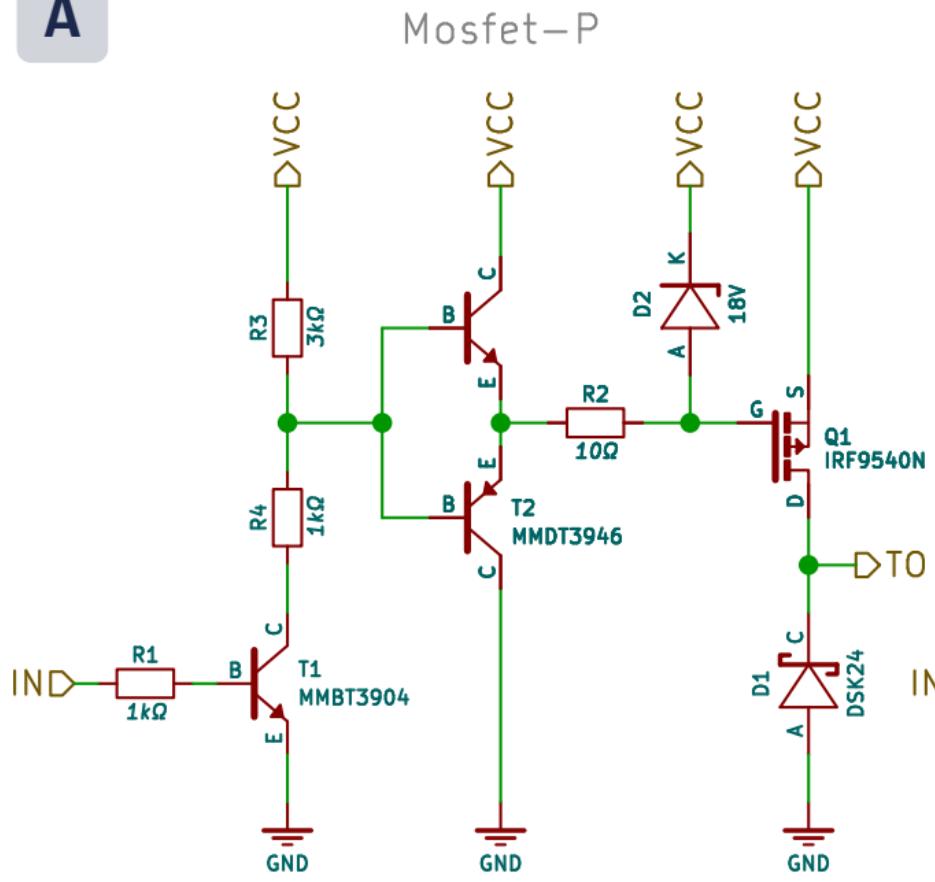
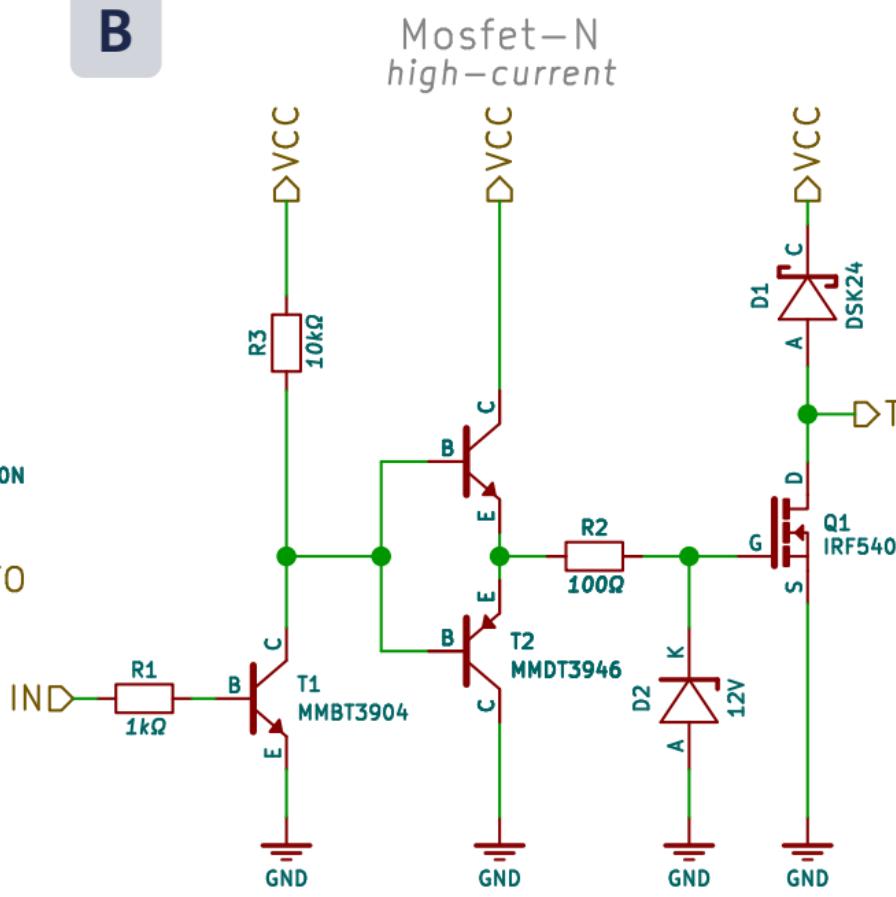
Sprężyna

Część elektromagnetyczna

Cewka



Korpus cewki

A**B****Mosfet-N low-current**

The circuit diagram for Mosfet-N low-current is similar to Mosfet-N high-current but uses a lower supply voltage (12V) and a different MOSFET (**Q1** IRF540N) with a different gate connection:

- Input Stage:** An input signal **IND** is connected through a resistor **R1** (100Ω) to the base of transistor **T1** (MMBT3904). The collector of **T1** is connected to ground.
- Second Stage:** The collector of **T1** is connected to the base of transistor **T2** (MMDT3946). The collector of **T2** is connected to ground. A feedback path from the collector of **T2** through resistor **R2** (100Ω) provides negative feedback to the base of **T2**.
- Output Stage:** The drain of the MOSFET **Q1** (IRF540N) is connected to the collector of **T2**. The source of **Q1** is connected to ground. The gate of **Q1** is controlled by the drain of diode **D2**, which is connected to the drain of diode **D1** (DSK24). Diode **D1** is connected between the collector of **T2** and the drain of **Q1**. The drain of **Q1** is connected to **VCC**.

C

